

Questions:

1. List all the data in a table categorized by the country. Sort the data based on the temp value by default
2. Display the temp value in various colors. The logics are, temp > 20 = red, temp < 20 && temp > 10 = yellow, temp < 10 = blue
3. Add checkboxes with the country labels which are in the list. Sort the table records while selecting the country. Select all by default to display all the data in the table.

```
export let weatherJSON = [
  {
    country: 'India',
    cities: [
      {
        "weather": [
          {
            "id": 800,
            "main": "Clear",
            "description": "clear sky",
          }
        ],
        "main": {
          "temp": 28.87,
          "feels_like": 32.81,
          "temp_min": 28.87,
          "temp_max": 28.99,
          "pressure": 1013,
          "humidity": 72
        },
        "sys": {
          "type": 2,
          "id": 2012809,
          "country": "IN",
          "sunrise": 1646787031,
          "sunset": 1646830126
        },
        "timezone": 19800,
        "id": 1264527,
        "name": "Chennai",
      },
      {
        "weather": [
          {
            "id": 711,
            "main": "Smoke",
            "description": "smoke",
          }
        ],
        "main": {
          "temp": 30.99,
          "feels_like": 32.22,
          "temp_min": 29.94,
          "temp_max": 30.99,
          "pressure": 1008,
          "humidity": 48
        },
        "sys": {
          "type": 1,
          "id": 9052,
          "country": "IN",
          "sunrise": 1646788931,
          "sunset": 1646831792
        },
        "timezone": 19800,
      }
    ]
  }
]
```

```

        "id": 1275339,
        "name": "Mumbai",
    },
    {
        "weather": [
            {
                "id": 803,
                "main": "Clouds",
                "description": "broken clouds",
            }
        ],
        "main": {
            "temp": 29.99,
            "feels_like": 35.01,
            "temp_min": 29.99,
            "temp_max": 29.99,
            "pressure": 1007,
            "humidity": 70,
        },
        "sys": {
            "type": 1,
            "id": 9211,
            "country": "IN",
            "sunrise": 1646787934,
            "sunset": 1646831152
        },
        "timezone": 19800,
        "id": 1273874,
        "name": "Kochi",
    }
]
},
{
    country: 'spain',
    cities: [
        {
            "weather": [
                {
                    "id": 803,
                    "main": "Clouds",
                    "description": "broken clouds",
                }
            ],
            "main": {
                "temp": 11.67,
                "feels_like": 10.46,
                "temp_min": 8.51,
                "temp_max": 13.34,
                "pressure": 1021,
                "humidity": 60
            },
            "sys": {
                "type": 2,
                "id": 2007545,
                "country": "ES",
                "sunrise": 1646807792,
                "sunset": 1646849669
            },
            "timezone": 3600,
            "id": 3117735,
            "name": "Madrid",
        },
    ],
}

```

```

    "weather": [
      {
        "id": 801,
        "main": "Clouds",
        "description": "few clouds",
      }
    ],
    "main": {
      "temp": 13.6,
      "feels_like": 13,
      "temp_min": 12.7,
      "temp_max": 16.22,
      "pressure": 1023,
      "humidity": 76
    },
    "sys": {
      "type": 2,
      "id": 2003688,
      "country": "ES",
      "sunrise": 1646806415,
      "sunset": 1646848232
    },
    "timezone": 3600,
    "id": 3128760,
    "name": "Barcelona",
  },
  {
    "weather": [
      {
        "id": 800,
        "main": "Clear",
        "description": "clear sky",
      }
    ],
    "main": {
      "temp": 17.53,
      "feels_like": 16.96,
      "temp_min": 16.95,
      "temp_max": 19.43,
      "pressure": 1020,
      "humidity": 62
    },
    "sys": {
      "type": 2,
      "id": 2011488,
      "country": "ES",
      "sunrise": 1646808253,
      "sunset": 1646850299
    },
    "timezone": 3600,
    "id": 2510911,
    "name": "Seville",
  }
]
},
{
  country: 'Italy',
  cities: [
    {
      "weather": [
        {
          "id": 804,
          "main": "Clouds",

```

```

        "description": "overcast clouds",
    }
],
"main": {
    "temp": 10.25,
    "feels_like": 9.84,
    "temp_min": 8.48,
    "temp_max": 12.46,
    "pressure": 1013,
    "humidity": 96
},
"sys": {
    "type": 2,
    "id": 2009645,
    "country": "US",
    "sunrise": 1646827160,
    "sunset": 1646869395
},
"timezone": -18000,
"id": 4219762,
"name": "Rome",
},
{
    "weather": [
        {
            "id": 801,
            "main": "Clouds",
            "description": "few clouds",
        }
    ],
    "main": {
        "temp": 21.56,
        "feels_like": 22.15,
        "temp_min": 20.15,
        "temp_max": 22.77,
        "pressure": 1016,
        "humidity": 91
    },
    "sys": {
        "type": 2,
        "id": 2005161,
        "country": "US",
        "sunrise": 1646999019,
        "sunset": 1647041771
    },
    "timezone": -18000,
    "id": 4176380,
    "name": "Venice",
},
{
    "weather": [
        {
            "id": 800,
            "main": "Clear",
            "description": "clear sky",
        }
    ],
    "main": {
        "temp": 11.33,
        "feels_like": 9.54,
        "temp_min": 9.64,
        "temp_max": 13.5,
        "pressure": 1023,

```

```

        "humidity": 39
    },
    "sys": {
        "type": 2,
        "id": 2012644,
        "country": "IT",
        "sunrise": 1646804859,
        "sunset": 1646846415
    },
    "timezone": 3600,
    "id": 3173435,
    "name": "Milan",
}
]
},
{
country: 'south korea',
cities: [
    {
        "weather": [
            {
                "id": 701,
                "main": "Mist",
                "description": "mist",
            }
        ],
        "main": {
            "temp": 2.38,
            "feels_like": 2.38,
            "temp_min": 1.93,
            "temp_max": 7.01,
            "pressure": 1023,
            "humidity": 100
        },
        "sys": {
            "type": 1,
            "id": 8093,
            "country": "KR",
            "sunrise": 1646776513,
            "sunset": 1646818502
        },
        "timezone": 32400,
        "id": 1843561,
        "name": "Incheon",
    },
    {
        "weather": [
            {
                "id": 701,
                "main": "Mist",
                "description": "mist",
            }
        ],
        "main": {
            "temp": 5.16,
            "feels_like": 3.49,
            "temp_min": 1.69,
            "temp_max": 6.78,
            "pressure": 1022,
            "humidity": 70
        },
        "sys": {
            "type": 1,

```

```

        "id": 8105,
        "country": "KR",
        "sunrise": 1646776382,
        "sunset": 1646818364
    },
    "timezone": 32400,
    "id": 1835848,
    "name": "Seoul",
},
{
    "weather": [
        {
            "id": 800,
            "main": "Clear",
            "description": "clear sky",
        }
    ],
    "main": {
        "temp": 8.99,
        "feels_like": 7.96,
        "temp_min": 8.99,
        "temp_max": 9.08,
        "pressure": 1023,
        "humidity": 66
    },
    "sys": {
        "type": 1,
        "id": 8086,
        "country": "KR",
        "sunrise": 1646775821,
        "sunset": 1646817935
    },
    "timezone": 32400,
    "id": 1838524,
    "name": "Busan",
}
]
},
{
    country: 'russia',
    cities: [
        {
            "weather": [
                {
                    "id": 800,
                    "main": "Clear",
                    "description": "clear sky",
                }
            ],
            "main": {
                "temp": -3.92,
                "feels_like": -7.02,
                "temp_min": -3.92,
                "temp_max": -3.92,
                "pressure": 1034,
                "humidity": 33
            },
            "sys": {
                "type": 1,
                "id": 8926,
                "country": "RU",
                "sunrise": 1646800471,
                "sunset": 1646840688
            }
        }
    ]
}

```

```

    },
    "timezone": 10800,
    "id": 498817,
    "name": "Saint Petersburg",
  },
  {
    "weather": [
      {
        "id": 804,
        "main": "Clouds",
        "description": "overcast clouds",
      }
    ],
    "main": {
      "temp": -5.78,
      "feels_like": -11.86,
      "temp_min": -5.9,
      "temp_max": -5.25,
      "pressure": 1028,
      "humidity": 73,
    },
    "sys": {
      "type": 1,
      "id": 9027,
      "country": "RU",
      "sunrise": 1646798472,
      "sunset": 1646839159
    },
    "timezone": 10800,
    "id": 524901,
    "name": "Moscow",
  },
  {
    "weather": [
      {
        "id": 800,
        "main": "Clear",
        "description": "clear sky",
      }
    ],
    "main": {
      "temp": -13.39,
      "feels_like": -19.58,
      "temp_min": -13.39,
      "temp_max": -13.39,
      "pressure": 1029,
      "humidity": 61
    },
    "sys": {
      "type": 1,
      "id": 8958,
      "country": "RU",
      "sunrise": 1646787579,
      "sunset": 1646828304
    },
    "timezone": 25200,
    "id": 1496747,
    "name": "Novosibirsk",
  }
]
}
]

```

JsonExercise

India ☒ spain ☒ Italy ☒ south korea ☒ russia ☒

Country	City	Weather	Temprature
Italy	Rome	overcast clouds	10.25
	Milan	clear sky	11.33
	Venice	few clouds	21.56
spain	Madrid	broken clouds	11.67
	Barcelona	few clouds	13.6
	Seville	clear sky	17.53
India	Chennai	clear sky	28.87
	Kochi	broken clouds	29.99
	Mumbai	smoke	30.99
south korea	Incheon	mist	2.38
	Seoul	mist	5.16
	Busan	clear sky	8.99
russia	Novosibirsk	clear sky	-13.39
	Moscow	overcast clouds	-5.78
	Saint Petersburg	clear sky	-3.92